

10040526-122304

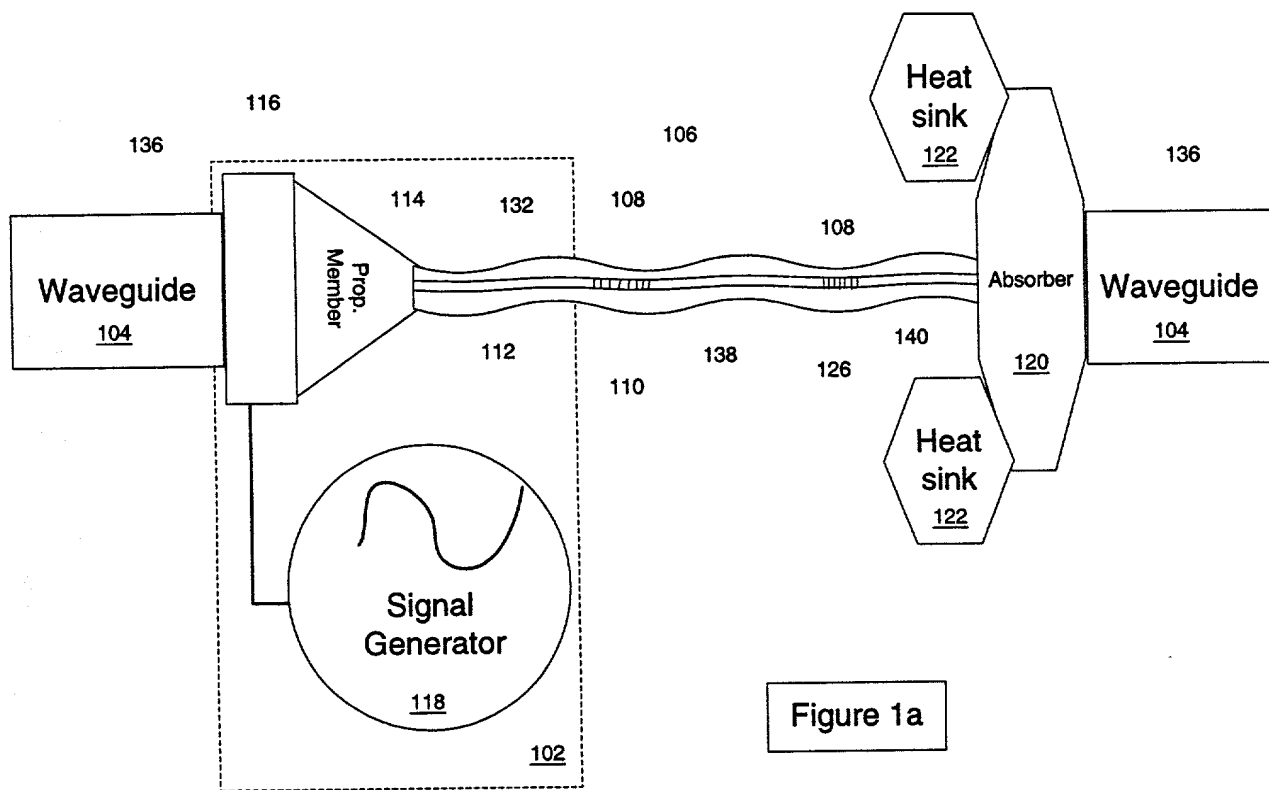


Figure 1a

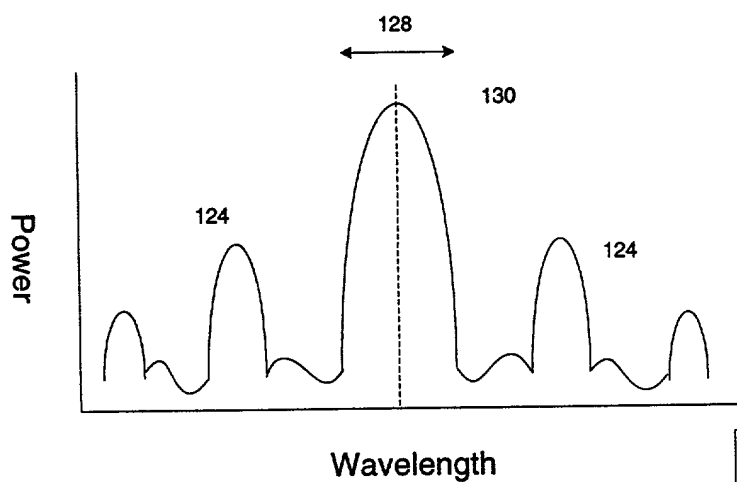


Figure 1b

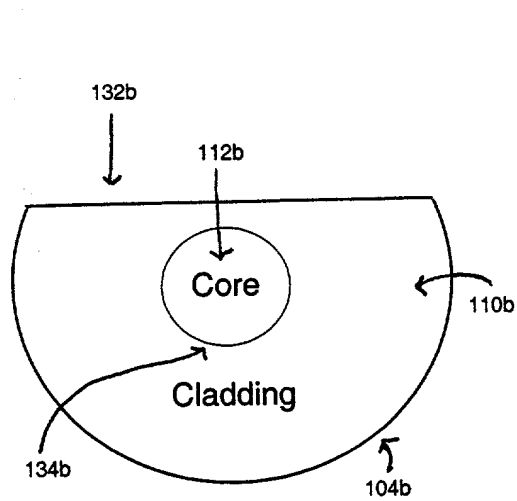


Figure 1d

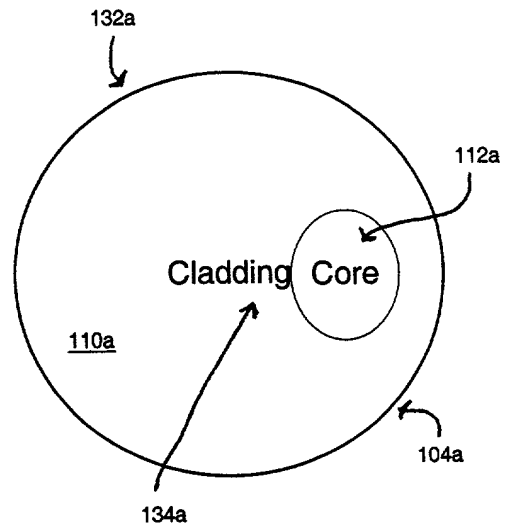


Figure 1c

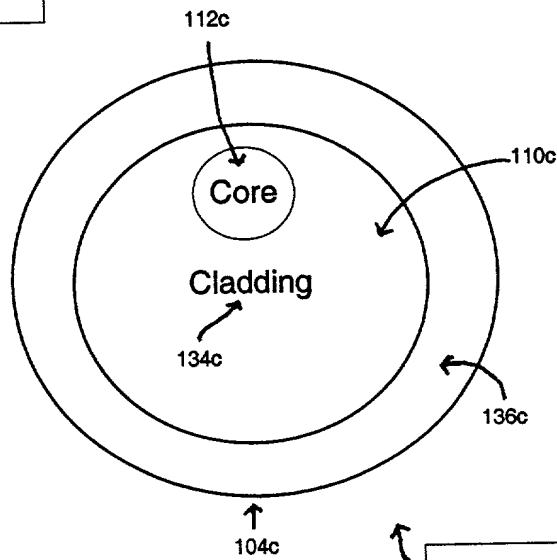


Figure 1e

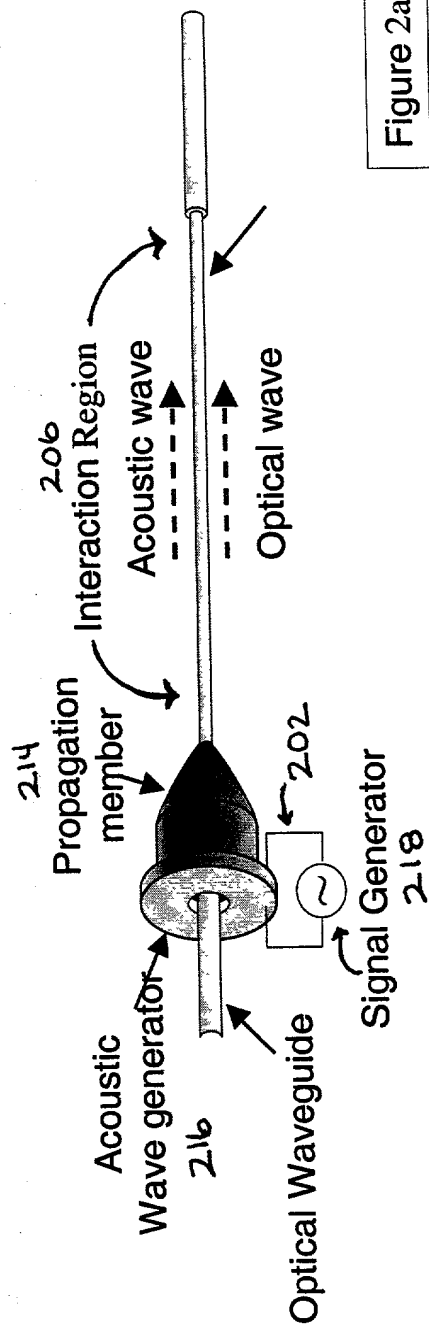


Figure 2a

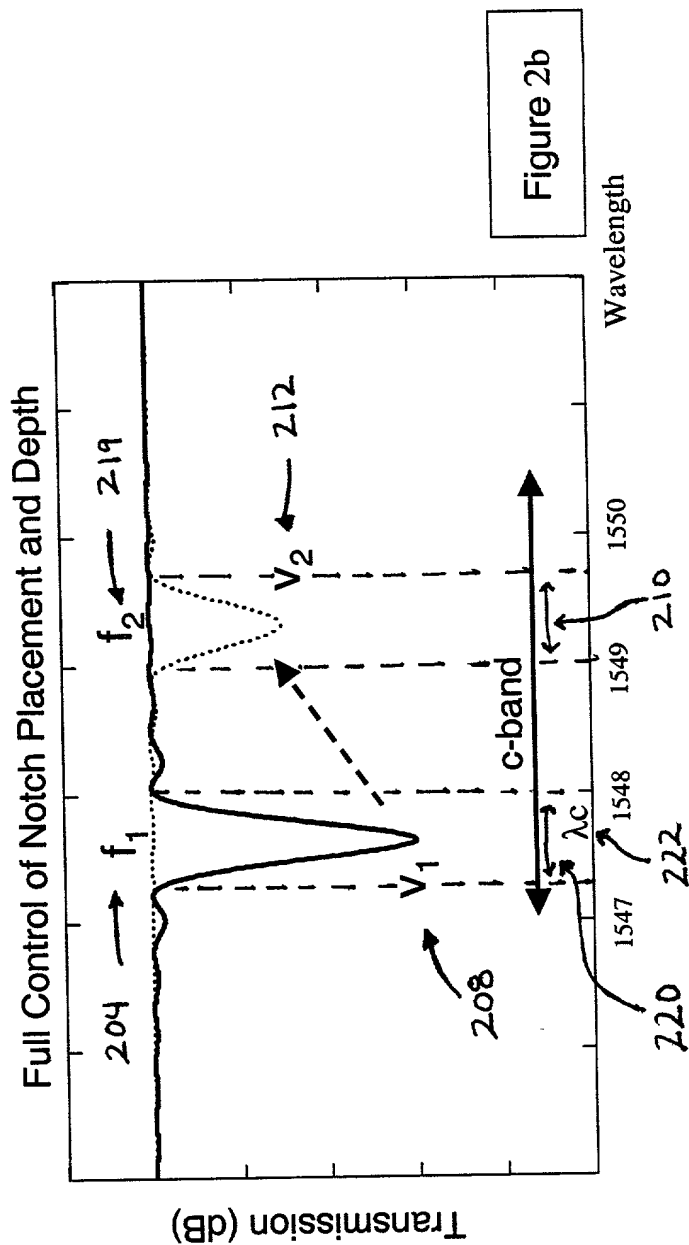


Figure 2b

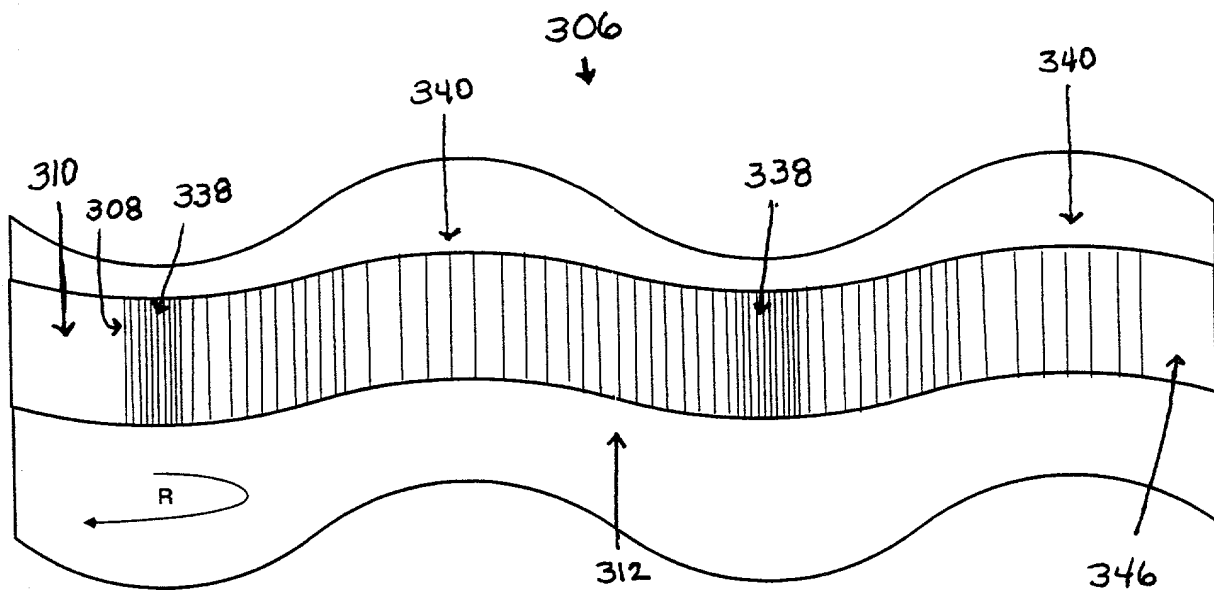


Figure 3a

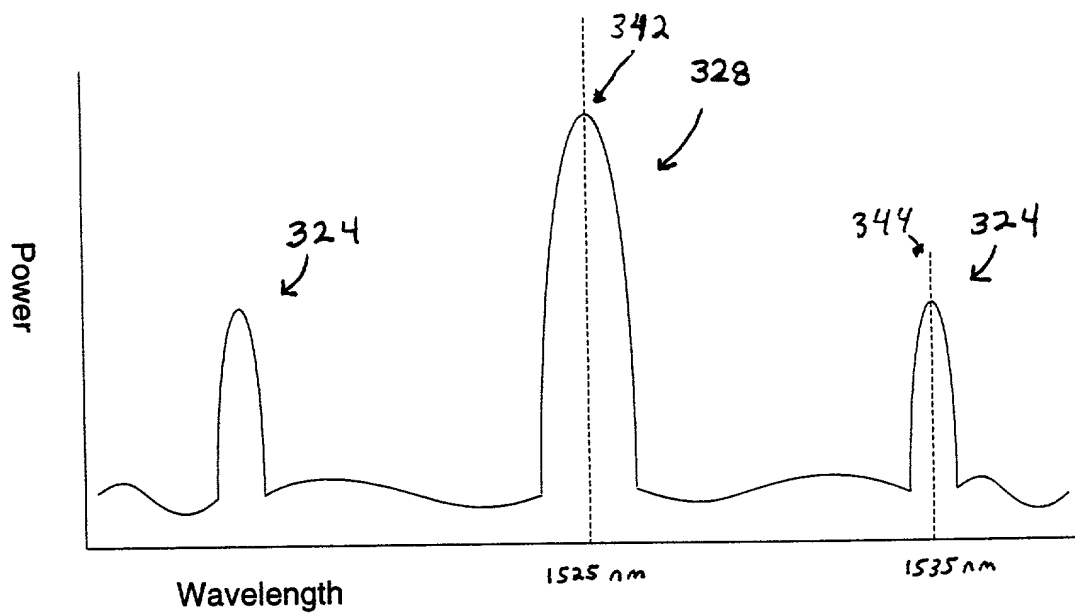
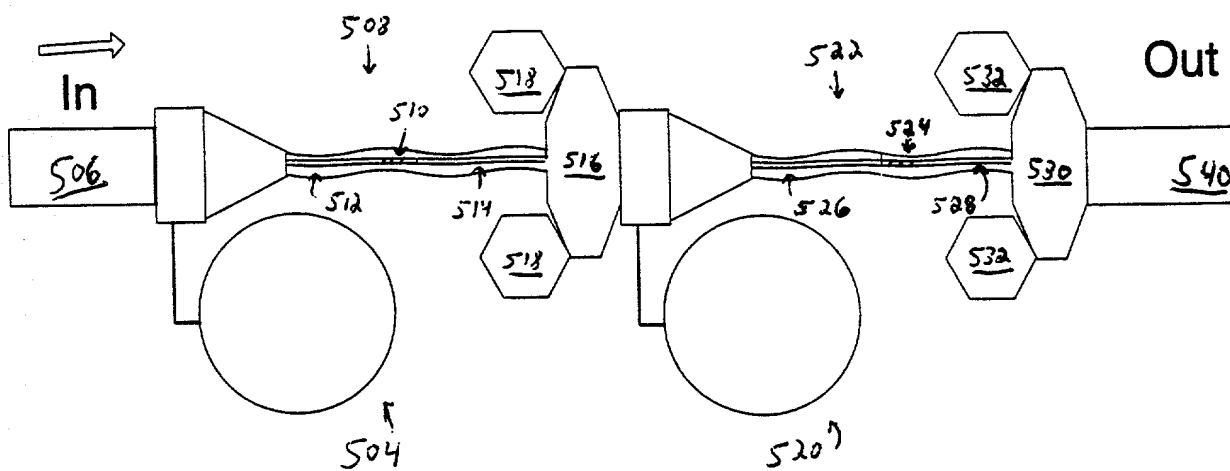


Figure 3b

10040536-123001

The diagram illustrates a microfluidic system for generating and detecting droplets. An inlet channel labeled "In" with an arrow pointing right enters a circular mixing chamber 402a. Inside this chamber, a curved arrow indicates a clockwise flow. A side channel 406a branches off from the top of the chamber. Below the chamber, a rectangular component 419a is shown with an arrow pointing towards it. The main channel continues from the bottom of the chamber through a conical nozzle. Below the nozzle is a circular component 404a. The channel then narrows into a long, thin section 410a, which is flanked by two vertical lines 412a and 414a. Above this section, a downward arrow points to a label 408a. The channel then widens and passes through a series of four hexagonal components labeled 418a, 416a, 418b, and 416b. Finally, the channel exits a rectangular component 422a, which has an arrow pointing away from it labeled "Out".



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Figure 5a

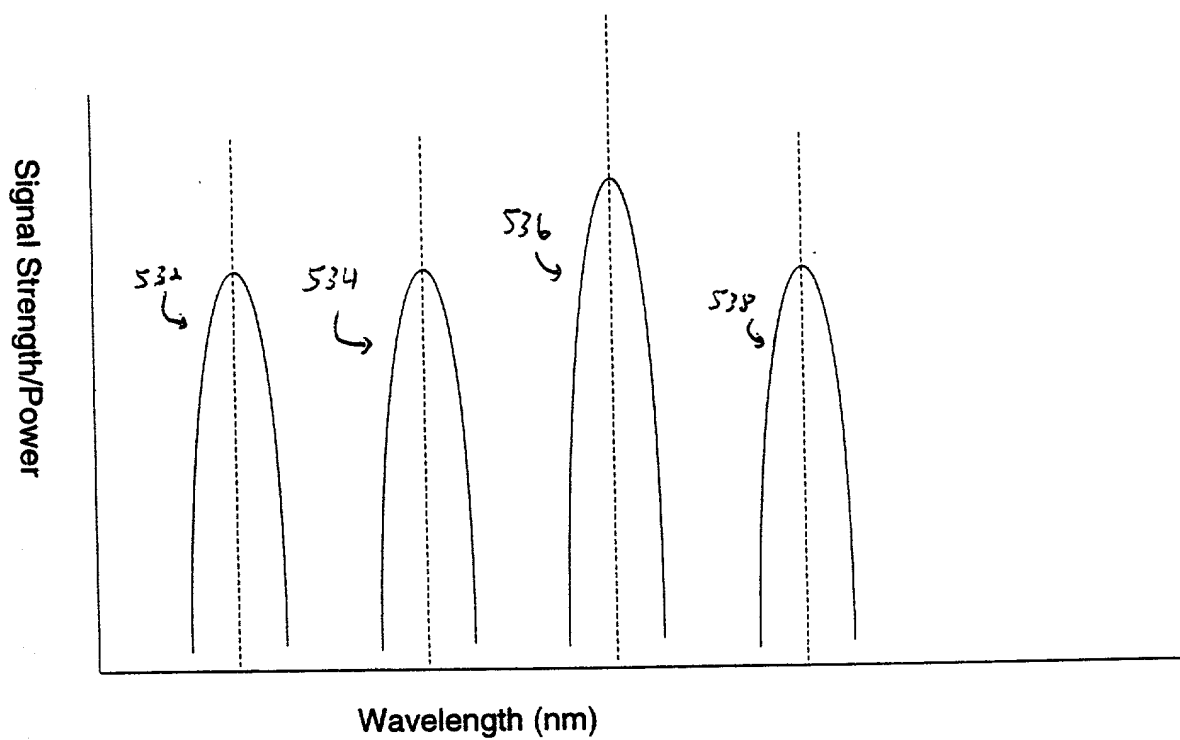


Figure 5b